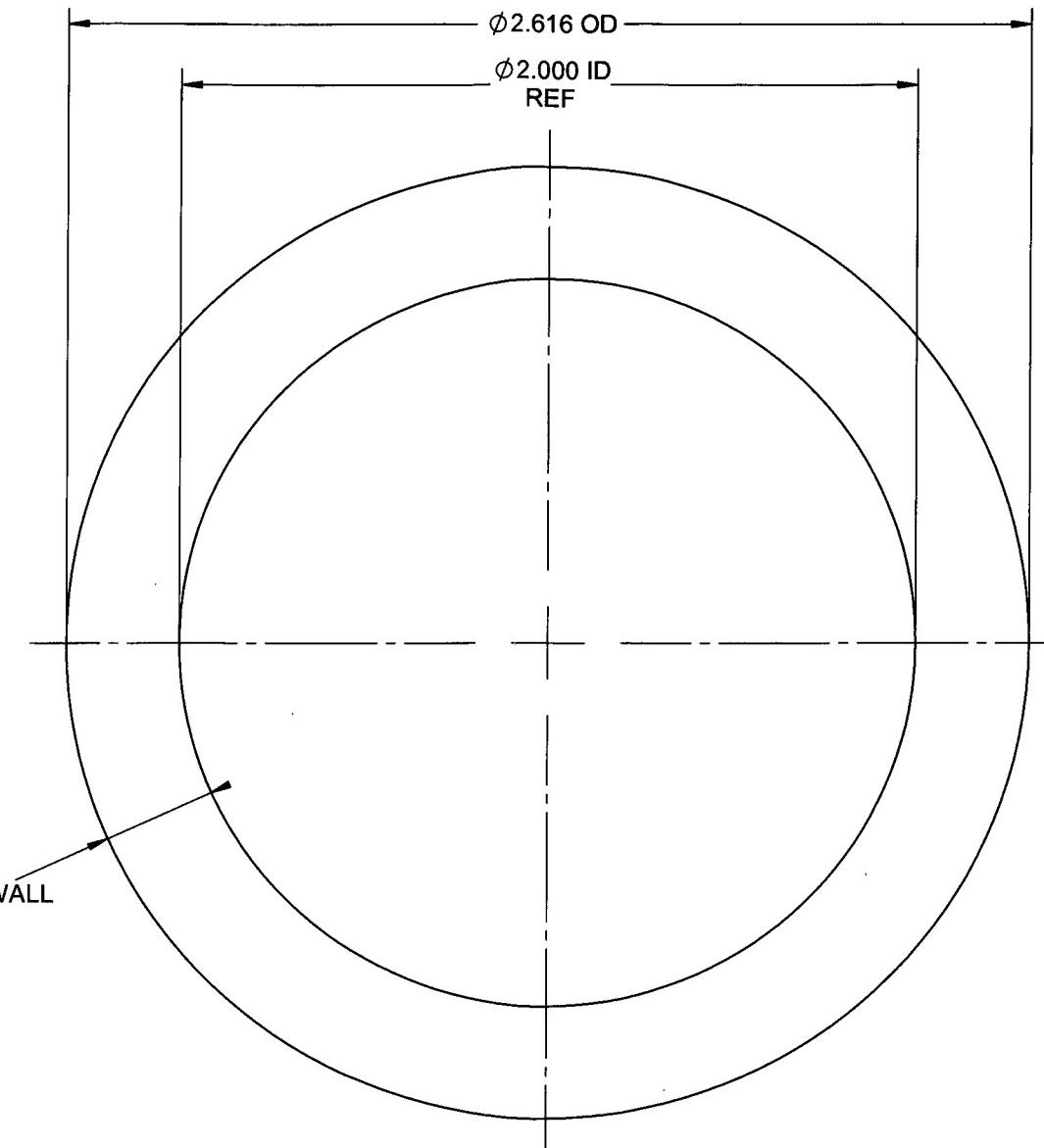


# SPECIFICATION CONTROL DRAWING



## D6024-XXX CROSSTUBE MATERIAL

### NOTES:

1) MATERIAL: 2.616 OD X 0.308 WALL 7075-T6/T6511 (WW-T-700/7 OR QQ-A-225/9 OR

QQ-A-200/11) SEAMLESS ALUMINUM TUBE.

MINIMUM ULTIMATE TENSILE STRENGTH = 77 KSI

MINIMUM YIELD TENSILE STRENGTH = 66 KSI

2) FINISH: NONE

3) TOLERANCES: PER ASTM B210 AS FOLLOWS:

O.D.: +/- 0.008 MEAN (+/- 0.016 INCLUDING OVALITY)

WALL: +/- 0.011 MEAN (+/- 0.031 INCLUDING ECCENTRICITY)

LENGTH: XXX +0.188/-0.000

STRAIGHTNESS: 0.010" DEVIATION / 12" LENGTH

4) UNITS: INCHES UNLESS OTHERWISE NOTED

5) BREAK SHARP EDGES: N/A

6) IDENTIFICATION: NONE

7) WEIGHT: N/A

8) EXTREME CARE MUST BE TAKEN TO PROTECT THE OUTSIDE SURFACE OF THE TUBE.  
THE OUTSIDE SURFACE MUST BE SMOOTH AND FREE FROM SURFACE DEFECTS SUCH AS  
SCRATCHES, NICKS, OR DENTS. DEFECTS UP TO 0.005" MAY BE BLENDDED OUT LONGITUDINALLY.  
CIRCUMFERENTIAL GRIND MARKS ARE UNACCEPTABLE.

WHERE XXX IS LENGTH IN INCHES  
EG. 103" LONG TUBE: D6024-103

RELEASED  
2015-11-04  
EW 15-642

APPROVED

A	NEW ISSUE		AP	15.10.13
REV.	DESCRIPTION		BY	DATE
DESIGN	AP	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	DRAWING NO. D6024 REV. A SHEET 1 OF 1	SCALE NTS
DRAWN	AP			
CHECKED	AJS			
MFG. APPR.	JLM			
APPROVED	WM	TITLE CROSSTUBE MATERIAL	CROSS SECTION	NTS
DE APPR.	DS			
DATE	15.10.13	CROSS SECTION		

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